

We Claim:

1. A sheet-processing rotary printing press, comprising:

a sheet guiding device for guiding sheets to be pulled over said sheet guiding device in a processing direction;

said guiding device having a stationary first guide surface and a second guide surface to be withdrawn, said second guide surface following said first guide surface in said processing direction, and said second guide surface and said first guide surface together forming a pocket; and

said guiding device having a molded part received in said pocket and forming a third guide surface bridging over said pocket.

2. The rotary printing press according to claim 1, wherein said molded part has air outlet openings passing through said third guide surface and air inlet openings communicating with said air outlet openings.

3. The rotary printing press according to claim 2, further comprising a supply system for providing a carrying-air flow and a powdering agent entrained thereby during operation and

for further providing a fluidic connection to said air inlet openings.

4. The rotary printing press according to claim 2, wherein said molded part has chambers communicating with said air outlet openings and said air inlet openings.

5. The rotary printing press according to claim 2, wherein said molded part has a hollow profile and dividing walls in said hollow molded part for subdividing said hollow molded part into chambers communicating with said air outlet openings and said air inlet openings.

6. The rotary printing press according to claim 5, wherein said molded part has slots through which said dividing walls are insertable into said molded part.

7. The rotary printing press according to claim 4, wherein a respective one of said chambers has a baffle surface facing towards a respective air inlet opening for said one chamber.

8. The rotary printing press according to claim 4, further comprising a flow obstruction in a respective one of said chambers.